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FACSIMILE TRANSMISSION COVER SHEET

Date: July 28, 2003  
Time: 12:35 PM  
From: Thomas T. Aquilla  
To: Examiner Georgia L. Helmer  
Re: Office Action Reply for 09/810,861  
Facsimile #: 703-872-9306  
Phone Code: 1335

Number of Pages (including this cover sheet): 21 22 TTA

Faxed with this cover sheet is the following:

Office Action Reply for 09/810,861, with Petition and Fee for Extension of Time

CERTIFICATE OF FACSIMILE TRANSMISSION

FACSIMILE NO: 703-872-9306

DATE: 7/28/2003

I hereby certify that this correspondence is being transmitted via facsimile to the Commissioner of Patents and Trademarks, Washington, D.C. 20231, to the facsimile number, and on the date indicated above.

Thomas T. Aquilla  
Thomas T. Aquilla

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

July 28, 2003

In Re application of: Tsafir S. Mor *et al.*  
Serial No: 09/810,861  
Filed: March 16, 2001  
For: **EXPRESSION OF RECOMBINANT HUMAN  
ACETYLCHOLINESTERASE IN TRANSGENIC PLANTS**  
Art Unit: 1638  
Attorney Docket Number: BTI-45

## RESPONSE TO OFFICE ACTION

In response to the Office Action dated February 27, 2003, please amend the above-identified application as follows:

In the Claims:

Pursuant to 37 C.F.R. § 1.121(c)(1), the amendment of claims 2, 4-6, and 13 is hereby made by the below rewriting of said claims, in clean form, with all changes included. Pursuant to 37 C.F.R. § 1.121(c)(1)(ii), please find attached hereto one or more pages, marked up to show all changes relative to the previous version of each claim so amended.

Please rewrite claims 2, 4-6, and 13 to read, in their entireties:

2. (Amended) A tissue culture of regenerable cells derived from the plant cell of claim 1, wherein said tissue culture comprises one or more cells that include a polynucleotide encoding a human acetylcholinesterase.
4. (Amended) A seed derived from the plant of claim 3, wherein said seed comprises one or more cells that include a polynucleotide encoding a human acetylcholinesterase.
5. (Amended) Pollen derived from the plant of claim 3, wherein said pollen comprises one or more cells that include a polynucleotide encoding a human acetylcholinesterase.

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Thomas T. Aquilla	